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Yellow Highlights are edits added by D1 staff

Numerical

- 3C Continuing, Cooperative and Comprehensive planning
- 3E Education, Enforcement & Encouragement (SR2S)
- 3R Resurfacing, Restoration & Rehabilitation work
- 4R All of the above, plus Reconstruction
- 404 ACOE permit for waterway dredging or filling

A

- AA Affirmative Action
- AAA Advertised, Awarded & Administered**
- AAEE American Academy of Environmental Engineers
- AA/EO Affirmative Action and Equal Opportunity
- AAMAS Asphalt Aggregate Mixture Analysis System
- AAP Arterial Analysis Package
- AAR Agency Action Request
- AARP American Association of Retired Persons
- AASHTO American Assoc. of State Highway Officials**
- AADPL Annual Anticipated Disadvantaged Business Enterprise Participation Level**
- AADT Average Annual Daily Traffic (two way)
- AADTT Average Annual Daily Truck Traffic
- AB Aggregate Base
- AB69 Created RTPAs
- AB140 1988, Deddeh Act, revised the STIP process
- AB402 1977, Alquist/Ingalls Act, California Transportation Reform Act, set up the STIP process & CTC
- AB 872 1999: Authorizes local agencies to spend Fed & State matching funds in current STIP for eligible work prior to allocation by CTC.
- AB1012 1999: Main intent to reduce large cash balance in State Highway Account by accelerating project delivery. Contains use it or lose it language whereby funds not obligated within three years of allocation lapse and are distributed to other projects.
- AB1475 SR2S established in CA
- AB2928 2000: Traffic Congestion Relief Act, \$5 billion. Also establishes exchange of Fed RSTP & CMAQ funds for State transportation funds.
- AB3929 Transportation Enhancement Relief Act
- ABA Appropriated Budget Authority
- ABAG Association of Bay Area Governments
- ABET Accreditation Board for Engineering and Technology
- ABM Air Blown Mortar
- ABME Area Bridge Maintenance Engineer
- ABS Acroconitril-Butadiene-Styrene, Antilock Braking System
- AC Advance Construction **or Asphalt Concrete**
- A&C Abatement and Control
- ACB Asphalt Concrete Base
- ACE Alamont Commuter Express; Rail Program – Stockton to San Jose
- ACHP Advisory Council on Historic Preservation
- ACI American Concrete Institute
- ACOE Army Corps of Engineers
- ACP Asphalt Concrete Pavement, Asbestos Cement Pipe
- ACPA American Concrete Pavement Assoc.
- ACPPA American Concrete Pressure Pipe Association
- ACR Allocation Change Request
- ACSP Automated Capital Spending Plan
- ACTA Alameda County Transportation Authority

ACWP Actual Cost of Work Performed

ADA Americans with Disabilities Act,
Advance Deposit Application
(for local program reimbursements.)

ADAAG Americans with Disabilities Act
Accessibility Guidelines

ADIS Advanced Driver Information System

ADM Arrow Diagramming Method

ADMS Archived Data Management Subsystem (ITS)

ADR Alternative Dispute Resolution

AdSC Administrative Service Center

ADT Average Daily Traffic

ADUS Archived Data User Service (ITS)

AE Area Engineer

A&E Architectural & Engineering

AED Associated Equipment Distributors

AEM Acoustic Emission Monitoring

AEP Association of Environmental Professionals

AFD Architecture Flow Diagram

AFO Animal Feeding Operation

AFT American Farmland Trust

AGC Association of General Contractors

AGT Automated Guideway Transit

AHAR Automatic Highway Advisory Radio

AHS Automated Highway System,
Average Highway Speed

AI Artificial Intelligence; active ingredient
Asphalt Institute

AIA American Institute of Architects

AIAC American Indian Advisory Council

AI/E Architectural Inventory/Evaluation form

AID Architecture Interconnect Diagram (ITS)

AIHA American Industrial Health Association

AIMS Agency Information Management Strategy (TMS)

AIP American Institute of Planners

AIRS Aerometric Information Retrieval System

ALGOL Algebraic Oriented Language

ALOADS Automated Location and Design System

AL Acceptable Level,
regulatory Action Level (water qual.)

ALP Annual Leave Program

AM Amplitude Modulation, Anti Meridian

AMBAG Association of Monterey County Bay Area Govts

AMBER alert America's Missing: Broadcast Emergency Response

AMFA Alternative Motor Fuels Act

AMIS Automated Management Information System

AMPS Advanced Mobile Phone System (ITS)

ANPRM Advanced Notice of Proposed Rule Making

ANSI American National Standards Institute

ANWR Arctic National Wildlife Refuge (Alaska)

AO Agency Object (3-digit code used in TRS,
also in WBS)

AOA Activity-on-Arrow

AON Activity-on-Node

APA Asphalt Pavement Alliance

APE Area of Potential Effect

APCD Air Pollution Control District

APDE Advance Project Development Element

APEC Automated Procedures for Engin. Consultants

APEI Area of Potential Environmental Impact

APHA American Public Health Association

APM Area Project Managers,
Assistant Project Manager

APN Assessor's Parcel Number

APP Alternate Payment Process

ARRA Asphalt Recycling and Reclamation Assoc. or
American Recover & Reinvestment Act of 2009

APS Advance Planning Study;
Accessible Pedestrian Signals

APSEA Asian-Pacific State Employees Association

APT	Accelerated Pavement Testing
APTA	American Public Transit Association
APTS	Advanced Public Transportation System (ITS)
APU	auxiliary power units
APWA	American Public Works Association
AQCP	Air Quality Control Program
AQCR	Air-Quality Control Region
AQI	Air Quality Index
AQMA	Air-Quality Maintenance Area
AQMD	Air Quality Management District
AQMP	Air Quality Management Plan
ARA	Automatic Road Analyzer
ARB	Air Resources Board
AR's	Attainment Regulations
AREA	American Railway Engineering Association
ARHM	Asphalt-Rubber Hot Mix
ARHM-GG	Asphalt-Rubber Hot Mix - Gap Graded
ARM	Air Resources Management
ARTBA	American Road & Transportation Builders Assoc.
ARTS	Advanced Rural Transportation Systems
AS	Aggregate Subbase
ASAP	As-Soon-As-Possible
ASC	Admin. Services Center
	Accounting Services Center
	Agricultural Services Center
ASCE	American Society of Civil Engineers
ASCE	American Standard Code of Info. Interchange
ASF	Automotive Safety Foundation
ASHRAE	American Society of Heating, Refrigerating, and Air-Conditioning Engineers
ASI	Acceleration Severity Index
ASME	American Society of Mechanical Engineers
ASNT	American Society for Nondestructive Testing
ASPEN	Automated Telephone Answering System
ASR	Archaeological Survey Report;
	(Evaluation of prehistoric archaeological resources in the project study area)
	Alkali-silica reactivity
ASRP	Aluminum Spiral Rib Pipe
AST	Acceptance Samples and Tests
ASTM	American Society for Testing Materials
ATA	American Trucking Association
ATIS	Advanced Traveler Information Systems
ATMS	Advanced Traffic Management Systems
ATP	Active Transportation Program
ATPB	Asphalt Treated Permeable Base
ATSAC	Automated Traffic Surveillance & Control System
ATSD	Advanced Transportation System Development
ATSSA	American Traffic Safety Services Association
ATV	All Terrain Vehicle
AU	Animal Unit
AVCO	Automatic Vehicle Control Systems
AVCS	Advanced Vehicle Control Systems (ITS)
AVI	Automated Vehicle Identification
AVL	Authorized Vehicle Lane;
	Automated Vehicle Location (ITS)
AVO	Automated Vehicle Operation (ITS)
AVR	Average Vehicle Ridership
AWRA	American Water Resources Association
AWS	Alternate Work Schedule American Welding Society
AWT	Average Weekday Traffic
AWWA	American Water Works Association

B

BAC	Blood Alcohol Concentration, Budget at Completion
BACM	Best Available Control Measures
BACT	Best Available Control Technology
BADT	Best Available Demonstrated Technology
BAGR	Bridge Approach Guard Rail
BALI	Basic Arterial Local Intersection

BAMS	Bid Analysis and Management System
BARM	Basic Asphalt Recycling Manual
BART	Bay Area Rapid Transit
BAS	Bridge Approach Slab
BASS	Black Advocates in State Service
BASIC	Beginners All Purpose Symbolic Instruction Code
BAT	Best Available Technology, Bureau of Apprenticeship and Training (DOL)
BB	Beginning of Bridge
BBS	Bulletin Board System, Battery Backup System
BC	Beginning of Curve
BCA	Benefit Cost Analysis
BCO	Thin-Bonded Concrete Overlay
BCP	Budget Change Proposal: Official request to D/Finance & Legislature to revise level or sources of funding.
BCR	Begin Curb Return
BCT	Breakaway Cable Terminal
BCWP	Budgeted Cost of Work Performed
BCWS	Budgeted Cost of Work Scheduled
BEA 1990	Budget Enforcement Act of 1990
BEAR	Broad Emergency Assistance Radio (System)
BEES	Basic Engineering Estimating System
BEP	Business Enterprise Program
BER	Bridge Evaluation Report
BFRs	Brominated Flame Retardants: widely used in plastics, foams, textiles, many electrical appliances, and building materials such as house walls, roofs and parking decks. Increasing amounts of BFR residues have been detected in humans and the environment.
BHT	Business, Housing, and Transportation Agency
BIA	Bureau of Indian Affairs; Building Industry Association
BIOS	Basic Input/Operating System
BIR	Bridge Inspection Report
BIT	Binary Digit
BLA	Bicycle Lane Account program (State)
BLM	Bureau of Land Management
BMP	Best Management Practice
BMS	Bridge Management System, process for achieving cost effective maintenance
BNF	Backus- Naur Form (ITS)
BNSF	Burlington Northern Santa Fe
BO	Budget Obligations, Biological Opinion
BOD	Biochemical Oxygen Demand, Biological Oxygen Demand
BOD5	biochemical oxygen demand (as measured in the standard 5-day test)
BSO	Building, Structures and Obstruction report (HPSR)
BP	Before Present, Boiling Point
BPM	Beginning Post Mile. = zero at south or west County line
BPMP	Bridge Preventative Maintenance Program
BPR	Business Process Review (1997 study of project management in Caltrans)
BPR	Bureau of Public Roads
BRT	Bus Rapid Transit (ITS)
BSA	Bureau of State Audits
BSR	Beginning of Slope Rounding
BSW	Back of Sidewalk
BTA	Bicycle Transportation Account
BT&H	Business, Transportation and Housing Agency
BTOS	Basic Traffic Operations System
BTS	Bureau of Transportation Statistics
BUN	Blood Urea Nitrogen
BVC	Begin Vertical Curve
BW	Barbed Wire
BWF	Barbed Wire Fence
C	
CAA	Federal Clean Air Act (1970), Cable Anchor Assembly
CAAA	Clean Air Act Amendment of 1990, (1977 & 1970)

CA Contract Authority, Certification Acceptance
CAAP Cognizant Agency Audit Program
 CAATS Calif. Alliance for Advanced Transportation Systems
 CAC California Administrative Code,
 Citizens Advisory Committee
 CAD Computer-Aided Drafting
 CADD Computer-Aided Drafting and Design
 CADO
 CAER Community Awareness and Emergency Response
 CAFO Concentrated Animal Feedlot;
 Consent Agreement/Final Order
 CAG Citizens Advisory Group
 CAH Controlled Access Highways
 CALACT Calif. Association for Coordinated Transportation
 CASASFMRA California Association of Farm Managers and Rural Assessors
 CALNET Calif. Integrated Telecom. System (8-....)
 Cal/OSHA Calif. Office of Safety and Health Administration
 CalSTA California State Transportation Agency
 CAM Caltrans Administrative Manual,
 Cooperative Agreement Manual
 CAMP Continuous Air Monitoring Program
 CANDE Culvert Analysis and Design
 CAO Corrective Action Order
 CAP Corrugated Aluminum Pipe, Certification Acceptance Plan
 Corrective Action Plan. Control Account Plan
 Cost Allocation Procedure. Criteria Air Pollutant
 Compliance
 CAPA Corrugated Aluminum Pipe Arch
 CAPM Capital Preventive Maintenance
 CAQP Congestion and Air Quality Program
 CAR Caltrans Action Request, Cooperative Agreement Report
 CARB California Air Resources Board
 CARS Caltrans Auxiliary Radio System
 CAS Construction area signs
 CASAC Clean Air Scientific Advisory Committee
 CASE Computer Aided Software Engineering;
 Computer Aided Systems Engineering (ITS)
 CASP California Aviation System Plan;
 Corrugated Aluminized Steel Pipe
**CAT EX Categorical Exemption (State);
 Categorical Exclusion (Federal)**
 CATIA Clean Air and Transportation Improvement Act
 CaTNAP California Traffic Noise Analysis Protocol (<http://env.dot.ca.gov/env/noise/index.htm>)
 CATV Cable Television
 CB Catch Basin, Citizens Band
 CBA Cost Benefit Analysis

CBAC	CA Bike Advisory Committee
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CBC California Bicycle Coalition,
 California Building Code
 CBD Central Business District
 CBID Rank and File/Supervisor/? + Bargaining Unit ex: R09

CBDG	Community Development Block Grant Program
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CBMC Causes Beyond My Control (my coinage)
 CBO Congressional Budget Office
 CBR California Bearing Ratio
 CBTP Community Based Transportation Planning grants
 CC Construction Complete
 CCA California Coastal Act of 1976
 CCAA Calif. Clean Air Act
 CCAPA California Chapter of the American Planning Association
 CCB Change Control Board
 CCC California Coastal Commission;
 California Conservation Corps
 CCI Construction Cost Index
 CCIC Central California Information Center
 CCMP Comprehensive Conservation and Manage. Plan
 CCO Contract Change Order

CCPR	Construction Contractor Payment Reviews
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CCR	California Code of Regulations
CCROC	California Civil Rights Officers Council
CCS	California Coordinate System; Construction Control Survey
CCSFCC	City-County-State-Federal Cooperation Council
CCTV	Closed Circuit TV
CD	Contract delegation (purchase order)
CDC	Centers for Disease Control
CDF	California Department of Forestry
CDBG	Community Development Block Grant
CDFG	Calif. Dept of Fish & Game
CDH	California Division of Highways
CDL	California Drivers License
CDMA	Code Division Multiple Access (ITS)
CDP	Coastal Development Permit
CDPD	Cellular Digital Packet Data (ITS)
CD(PO)	Contract Delegation (Purchase Order)
CE	Categorical Exclusion (NEPA); Categorical Exemption, (CEQA)
	Construction Engineering
CEA	Career Executive Assignment (Appointment)
CEAC	County Engineers Association of California; Caltrans Employment Advisory Committee
CEBC	Conference
CEC	California Energy Commission; Caltrans Encroachment Committee
CELSOC	Consulting Engs. and Land Surveyors of Calif.
CEMs	Continuous Emissions Monitors
CEP	Cumulative Exposure Project
CEQ	Council of Environmental Quality (Federal Agency)
CEQA	California Environmental Quality Act (1970)
CERCLA	Comprehensive Environmental Response, Compensation/Liab. Act
CERES	Calif. Envir. Resources Evaluation System
CERF	Civil Engineering Research Foundation
CERL	Construction Engineering Research Laboratory
CESA	Calif. Endangered Species Act
CEU	Continuing Education Unit
CFC	Cost of Facilities Capital, Chlorofluorocarbons
CFDA	Catalogue of Federal Domestic Assistance http://aspe.os.dhhs.gov/cfda/index.htm#newsearch
CFM	Chlorofluoromethanes
CFPG	California Federal Programming Group
CFR	Code of Federal Regulations
CFRA	The California Family Rights Act of 1992 is a State law administered and enforced by the California Department of Fair Employment and Housing. CFRA was revised to conform to the Family Medical Leave Act of 1993.
CFRP	Carbon-Fiber-Reinforced-Plastic
CFS	Cubic feet per second
CFU	Colony Forming Unit (water qual)
C&G	Curb and Gutter
CGP	Construction General Permit (NPDES)
CH ₄	Methane
CHIN	California Highway Information Network: 1-800-427-7623, 999 or www.dot.ca.gov/hq/roadinfo , #999
CHL	From Accounting: The CH stand for charge and the L stands for labor. It is listed under charge. They are labor charges from timesheets Caltrans employees who are charging their time to Local Assistance Projects.
CHP	Calif. Highway Patrol
CHRIS	Calif. Historical Resources Information System
CIA	Community Impact Assessment ; Evaluates the impacts that a project may have on community, incl, neighborhoods and farmland.
CIC	Critical Intersection Control
CIDH	Cast-in-Drilled-Hole
CIMAC	Caltrans Improves Mobility Across California
CIP	Capital Improvement Program – 7-year program to maintain or improve traffic LOS & transit performance and to mitigate impacts identified by the CMP; Cast-in-Place; cast iron pipe
CIPCP	cast-in-place concrete pipe
CIR	Council on Intergovernmental Relations

	Cold In Place (recycling of asphalt)
CIT	California Institute of Technology
CITAB	Calif. Information Technology Advisory Board
CIU	Controller Interface Unit
CIWMB	California Integrated Waste Management Board
C&L	Certification and Licensing
CLAS	California Leave Accounting System
CLP	Continuous Learning Program
CLUP	Comprehensive Land Use Plan
CMA	Congestion Management Agencies
CMAQ	Congestion Mitigation and Air Quality
CMB	Concrete Median Barrier
CMC	Construction Metrication Council
CMLA	Corridor Mobility Improvement Account
CMP	Congestion Management Program, Plan; Corridor Management Plan (Scenic Highways); Corrugated Metal Pipe
CMS	Congestion Management System, Changeable Message Signs
CMSA	Consolidated Metropolitan Statistical Area
CMV	commercial motor vehicles
CNDDDB	California Natural Diversity Data Base
CNG	Compressed Natural Gas
CNLM	Center for Natural Lands Management.
CNPS	California Native Plant Society (data base)
CO	Carbon Monoxide
COB	Close of Business
COBOL	Common Business Oriented Language
COBRA	Consolidated Omnibus Reconciliation Act
COCO	Contractor-Owned/ Contractor-Operated
COD	Chemical Oxygen Demand
CODP	Career Opportunity Development Program
COE	Category of Expenditure (budgetary grouping) U.S. Army Corps of Engineers
COFPAES	Council on the Federal Procurement of Architectural and Engineering Services
COG	Council of Governments (local, see LTA)
COH	Coefficient Of Haze
COGO	coordinate geometry
COL	Collector (Urban)
Congestion	Reduced speeds less than 35 MPH for longer than 15 min.
COP	Capital Outlay Projects
CORBA	Common Object Request Broker Architecture (ITS)
COS	Capital Outlay Support
COTR	Contracting Officer Technical Representative (ITS)
COZEPP	COstruction Zone Enhanced Enforcement Program or Patrol
CP	Capital Projects
CPC	Consolidated Planning Committee (STANCOG)
CPF	Combined Pay Factor
CPFF	Cost-Plus-Fixed-Fee
CPH	California Permit Handbook
CPI	Cost Performance Index
CPIF	Cost-Plus-Incentive-Fee
CPM	Critical Path Method
CPMC	Capital Projects Management Council
CPR	Cardio-Pulmonary Resuscitation
CPRA	California Public Records Act
CPRC	California Public Resources Code
CPSD	Capital Project Skill Development
CPU	Central Processing Unit
CPUC	Calif. Public Utilities Commission
CRAC	Cold Recycled AC
CRAP	Construction Records and Procedures
CRB	Contract Review Board
CRCP	Continuously Reinforced Concrete Pavement
CRDA	Cooperative Research and Development Agreement
CRHP	California Register of Historic Places
CRIP	Cost Reduction Incentive Proposal
CRLF	California Red Legged Frog
CRP	Conservation Reserve Program;

	Combined Road Plans
CRSI	Concrete Reinforcing Steel Institute
CRT	Cathode Ray Tube
CRV	California Redemption Value
CSAC	California State Association of Counties; California Supervisors Association of California
CSD	Context Sensitive Design
CSEA	California State Employees Association
CSHC	Calif. Streets & Highways Code
CSI	Common Sense Initiative; Compliance Sampling Inspection
CSIP	Corridor Safety Improvement Program
CSO	Combined Sewer Overflow
CSP	Corrugated Steel Pipe; Communication Service Provider (ITS)
CSPA	Corrugated Steel Pipe Arch
CSRC	California Special Reference Center (global positioning technologies)
CSF	Caltrans Social FUNd
CSS	Context Sensitive Solutions (involving all stakeholders in the development of a project to ensure that a project fits its physical setting and preserves scenic, aesthetic, historic and environmental resources while maintaining safety and mobility.
CSTI	California Specialized Training Institute
CSUS	California State University, Stanislaus; Sac.
CSWC	Construction Storm Water Coordinator

CSZ	Cascadia Subduction Zone
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CT	Caltrans OR Census Tract
CTAA	Community Transportation Assoc. of America
CTAP	Cooperative Training Assistance Program (Fed)
CTB	Cement Treated Base
CTC	California Transportation Commission; Nine appointed members
CTE	Center For Transportation And The Environment
CTO	Compensatory Time Off
CTP	California Transportation Plan
CTIFS	Calif. Transportation Infrastructure Funding System
CTIPS	California Transportation Improvement Plan System. A computer database used by CT & MPOs to input & track Fed. Funded transportation projects. See LPAMS
CTIS	California Transportation Investment Strategy
CTPB	Cement Treated Permeable Base
CTR	California Toxics Rule
C-TRIS	Calif. Transportation Research Info. System (UCB)
CTS	Commuter Transportation Services
CTSA	Coordinated Service Transportation Agency
CUF	Commercially Useful Function (DBE)
CV	Cost Variance
CVAS	Commercial Vehicle Administration Subsystem (ITS)
CVCS	Commercial Vehicle Check Subsystem (ITS)
CVHAS	Cooperative Vehicle-Highway Automation Systems
CVISN	Commercial Vehicle Info. Systems and Networks (ITS)
CVO	Commercial Vehicle Operations (ITS)
CVS	Commercial Vehicle Subsystem (ITS)
CWA	Clean Water Act OR Cooperative Work Agreement
CWD	Corridor Wide Display System (ITS)
CWNS	Clean Water Needs Survey
CY	Calendar Year
CYA	Cover Your Assets (not CT); OR California Youth Authority
CZMA	Coastal Zone Management Act
CZARA	Coastal Zone Act Reauthorization Amendments

D

DAB	Digital Audio Broadcast (ITS)
DAC	Disability Advisory Council
DAF	Damage Assessment Form
DAMP	Drainage Analysis & Modeling Program
DAR	Defense Access Roads
DARTS	Dynamic Arterial Responsive Traffic Signal System
DAT	Diagnostic Acceptance Testing
DAT.COM	Director's Advisory Team for Communication

DBA Doing Business As, Decibels, "A" Scale
DBE Disadvantaged Business Enterprise
 DBELO Disadvantaged Business Enterprise Liaison Officer
 DBMS Data Base Management System
 D/C Demand Capacity ratio
 DCIU Discrimination Complaint Investigation Unit
 DCP Dynamic Cone Penetrometer
 DCS Data Collection System
 DCU Discrimination Complaint Unit
 DD District Director; Data Dictionary (ITS)
 DDC District Division Chief
 DDD Deputy District Director
 DDE Data Dictionary Element (ITS)
 DDT DichloroDiphenylTrichloroethane
 DEB District Environmental Branch
DED Draft Environmental Document
DEIR Draft Environmental Impact Report (CEQA)
DEIS Draft Environmental Impact Statement (NEPA)
 DEN Data Exchange Network (ITS)
 DES Division of Engineering Services Diethylstilbesterol
 DF Douglas Fir
 DFD Data Flow Diagram (ITS)
 DfE Design for the Environment
 DFEH Department of Fair Employment and Housing (California)
DFG Dept of Fish and Game (Cal)
 DFTIP Draft* Federal State Transportation Improvement Program (* Draft is my best guess) MEM
 DGAC Dense Graded Asphalt Concrete
 DGAC(R) Dense Graded Asphalt Concrete (Rubberized)
 DGPS Differential Global Positioning System (ITS)
 DGS Department of General Services
 DHS Department of Health Services
 DHHS Department of Health and Human Services (Feds)
 DHV Two way Design Hourly Volume
 DI Drainage Inlet
 DIB Design Information Bulletin
 DIB 82 Pedestrian Accessibility Guidelines for Highway Projects
 DIP Diamond Interchange Program
DLAE District Local Assistance Engineer
 DLR Detection Limit for Reporting (water qual.)
 DMBB Double metal beam barrier
 DME District Materials Engineer
 DMR Discharge Monitoring Report
 DMS Dynamic Message Sign (ITS)
 DMT Division of Mass Transportation
 DMV Department of Motor Vehicles
 DNA deoxyribonucleic acid
 DND Draft Negative Declaration
 DOA Division of Aeronautics; Division of Accounting
 DOC Department of Commerce (Feds)
 DOD Department Of Defense
 DOE Department Of Energy; District Office Engineer
 DOF Department of Finance
 DOJ Department of Justice (Feds)
 DOL Department of Labor (Feds)
 DLA Division of Local Assistance (formerly OLP)
 DOL FOH Dept. of Labor Field Operations Handbook (Feds)
 DOS Division of Structures; Disk Operating System
 DOT Dept. of Transportation
 DOTP Division of Transportation Planning
 DPA Dept. of Personnel Administration
 DPI Dots per Inch
 DPR Department of Parks and Recreation (The Office of Historic Preservation which administers Section 106 of the Historic Preservation Act is part of State Parks and Recreation. Hence, the DPR forms for Section 106.)
 DRB Dispute Review Board
 DRI Division of Research & Innovation
 DRIM Draft Relocation Impact Memo
 DRIS Draft Relocation Impact Study/Statement
 DROA departmental restriction of appointments
 DSA Division of the State Architect,
 Disturbed Soil Area

DSB Donor State Bonus funds
DSC Division of Structure Construction
DSI Detailed Site Investigation
DSMP District System Management Plan
DSRC Dedicated Short Range Communications (ITS)
DST Daylight Savings Time
DSWC District Storm Water Coordinator
DTA Dynamic Traffic Assignment (ITS)
DTAC Departmental Transportation Advisory Committee
DTBB double thrie beam barrier
DTIM Direct Travel Impact Model
DTM Digital Terrain Modeling
DTR Director's Tracking Report
(tracks consultant services contracts)

DTSC

DVAC District Value Analysis Coordinator
DVBE Disadvantaged Veteran Business Enterprise
DWEL Drinking Water Equivalent Level
DWNS Drinking Water Needs Survey
DWR Dept. of Water Resources
DWS Drinking Water Standard

E

EA Expenditure Authorization;
Endangerment Assessment;
Enforcement Agreement;
Environmental Action;
Environmental Assessment;
Environmental Audit
EAC Estimate at Completion
EAP Employee Assistance Program;
Environmental Action Plan
EAR Employee Action Report
EBL Eligible Bridge List
EC Environmental Coordinator,
End Horizontal Curve, End Curve
ECPA Electronic Communications Privacy Act (ITS)
ECR Engineering Cost Reporting system,
End of Curb Return
ED Environmental Document
EDA Employee Development Appraisal Environmental Document Approved
EDAPTS Efficient Development of Advanced Public Transportation Systems
EDC Every Day Counts
EDI Electronic Data Interchange (ITS)
EDM Electronic Distance Measuring
EDP Electronic Data Processing;
Early Deployment Plan (ITS)
EDW effluent-dominated water
EEG electroencephalogram
EEM/EEMP Environmental Enhancement & Mitigation program (State)
EEO Equal Employment Opportunity
EEOC Equal Employment Opportunity Commission
EEZ Exclusive Economic Zone,
200 miles beyond coast, Magnusen-Stevens Act
EF Early Finish
EFH Essential Fish Habitat
E-FIS Enterprise Resource Planning Financial InfraStructure
EFT Electronic Fund Transfer
EIR Environmental Impact Report (CEQA)
EIS Environmental Impact Statement (NEPA)
EIT Engineer-in-Training
EJ Environmental Justice
EKG electrocardiogram
ELI Element Level Inspection (bridges)
EMB
EMC Event Mean Concentration (Storm Runoff); Emergency Management Center (ITS)
EMMS Emissions Management Subsystem (ITS)
EMS Extinguishable Message Signs
Equipment Management Systems

EO Equal Opportunity, Executive Order
 EOC Emergency Operations Center
 EOG Education And Outreach Group
 EOS Equivalent Opening Size (Geotextile-Fabric); Edge of Shoulder
E&P Environmental & Permit
 EPA Environmental Protection Agency
 EPCRA Emergency Planning and Community
 Right-to-Know Act
 EPI Economic Policy Institute
 EPL Excluded Partial List (DBE)
 EPM Ending Post Mile
 EPROM Erasable Programmable Read-Only Memory
EPSP Expedited Project Selection Process
 ER Emergency Relief (Fed)
 ERC Emergency Resource Center
 ERISA Employee Retirement Income Security
 ERNS Emergency Response Notification System
 ERPP Ecosystem Restoration Program Plan (CALFED)
 ES Early Start
 ESA Endangered Species Act;
 Environmentally Sensitive Area
 ESAL Equivalent Single Axle Load, 80 kN
 ESC Engineering Services Center
 ESMR Enhanced Specialized Mobile Radio (ITS)
 ESP Enhanced Services Program
 ESR End of Slope Rounding
 ESU Evolutionary Significant Unit
 (fall, winter & spring runs of salmon)
 ET Earliest Time of Completion
 et seq. *adverb*, and what follows (used in page references)
 Pasted from <<https://www.google.com/webhp?sourceid=chrome-instant&ion=1&espy=2&ie=UTF-8#q=et.%20seq.%20meaning>>

ETC Estimate to Complete,
 Electronic Toll Collection (ITS)
 ETBE Ethyl Tertiary Butyl Ether
 ETS Emergency Telephone Services (ITS)
 ETTM Electronic Toll Collection and Traffic Management
 ETW Edge of Traveled Way
 EV Earned Value
 EVC End Vertical Curve
 EWRI Environmental & Water Resources Institute (of ASCE)
 EXPEAR Expert System Pavement Evaluation and Rehabilitation
E-76 Authorization to Proceed Summary Form

F

FAA Federal Aviation Administration
 FACTS Flexible Advanced Computer Traffic Signal System
FADS Federal Aid Data System: System which DLAEs & HQ enter project information and which links CT to FHWA's FMIS system. Does not link to LP2000.
FAE Federal-Aid Eligibility Code: This single-digit code is a prefix used with the three-digit Agency Object Code to form the Caltrans four-digit Object (FAE 6, 7, or 8) and Activity (FAE 1 or 2) Codes. The FAE denotes whether or not the Object/Activity Code is eligible for federal reimbursement. FAE 1 or 6 denotes eligibility for federal reimbursement, FAE 1 or 7 denotes non-eligibility for reimbursement, and FAE 8 denotes undetermined eligibility.
 FAHP Federal Aid Highway Program
 FAI Federal Aid Interstate
 FAP Federal Aid Primary
 FAPG Federal Aid Policy Guide
 FAQ Frequently Asked Questions
 FAR Federal Acquisition Regulations
 FARA Federal Acquisition Reform Act
 FARES First American Real Estate Solutions
 FARS Fatal Accident Reporting System (ITS)
 FAS Federal Aid Secondary Funding
 FAU Federal Aide Urban funding
FBD
 F&C Frame & Cover
 F&G Frame & Grate
FC Functional Classification

FCAA Federal Clean Air Act of 1990
 FCWA Federal Clean Water Act
 FCR Flexible Congestion Relief program
 (State, discontinued)
 FDR Full Depth Reclamation (of pavement)
 FE Fund Estimate; Fugitive Emissions
 FEBBS Federal Electronic Bulletin Board System
 FED Final Environmental Document
 (EIS, ND or FONSI)
 FEHA Fair Employment and Housing Act (Calif.)
 FEIN Federal Employer Identification Number
 FEIR Final Environmental Impact Report (CEQA)
 FEIS Final Environmental Impact Statement (NEPA)
 FEMA Federal Emergency Management Agency
 FERC Federal Energy Regulatory Commission
 FES Flared end section
 FESA Federal Endangered Species Act
 FF Free Float / Finish to Finish
 FFA Future Farmers of America
 FFGA Full Funding Grant Agreements
 FFP Firm Fixed Price
 FFS Fee For Service health plan
 FFY **Federal Fiscal Year (October 1 thru September 30)**
 FHLMC Federal Home Loan Mortgage Corporation (Freddie Mac)
 FHPM Federal Aid Highway Program Manual
 FHWA Federal Highway Administration;
 administers Federal highway funds
 FICA Federal Insurance Contributions Act
 FIF Final Inspection Form
 FIP Federal Implementation Plan
 FIPS Federal Information Processing Standard (ITS)
 FIR Federal Indian Reservation
 FIRE **Financial Integrity Review and Evaluation**
 FIRM Federal Insurance Rate Maps (Flood Plains)
 F/L Finance Letter
 FLEP Forest Land Enhancement Program
 (U.S. Forest Service)
 FLHD Federal Land Highway Division
 FLHP Federal Lands Highway Program
 Floodplain Risk and Location Hydraulic Study:
 Analyzes the potential for impacts that a project may have on increasing risk of flooding.
 FLSA Fair Labor Standards Act
 FM Function Manager
 FMC Freeway Management Center (ITS)
 FMCS Fleet Management and Control Systems
 FMCSA Federal Motor Carrier Safety Administration
 FMIS Federal Management Information System
 FMLA Family and Medical Leave Act of 1993
 FMMP Farmland Mapping and Monitoring Program
 FMP Fishery Management Plan; File Maker Pro
 FMS Fleet Management Subsystem (ITS)
 FMU Forest Management Unit
 FMVSS Federal Motor Vehicle Safety Standards
 FNMA Federal National Mortgage Association
 ("Fannie Mae")
 FNM-76 Form to FMIS, auth. to proceed
 FO Functionally Obsolete (bridge)
 FOE **Finding of Effect**; Friends Of the Earth
 FOI Freedom of Information
 FOIA Freedom Of Information Act
 FONSI **Finding of No Significant Impact** (NEPA)
 FOT Field Operational Test (ITS)
 FPA Fair Practices Act (subletting and subcontracting)
 PPIF Fixed-Price-Incentive-Fee
 FPN Federal Project Number (FADS)
 FPPA Farmland Protection Policy Act (US – 1984)
 FPPP Facility Pollution Prevention Plans
 FPR Final Program Review
 FR Federal Register
 FRA Federal Railroad Administration

FRIS Final Relocation Assistance Statement
 FRM Federal Reference Method, Final Rule Making
 FRO Federal Resources Office
 FRP fiber reinforced polymer, used in concrete
 F-SHRP Future Strategic Highway Research Program
 FSOR Final Statement of Reasons
 FS Finish-to-Start
 FSA Flexible Spending Account health plan
 FSF Finished Square Feet
 FSHCC Fast Setting Hydraulic Cement Concrete
 FSP Freeway Service Patrol
 FSR Feasibility Study Report;
 Financial Study Report

FASTIP Federal Statewide Transportation Improvement Program. Prepared by CT per ISTEA, includes all highway and transit projects funded under Title 23 and Federal Transit Act. It is the global funding document incorp. Programming for MPO TIPs, State STIP, SHOPP and local rural Federal aid work.

FTA Federal Transit Administration; administers Federal transit funds, alloc. dir to local agencies. Urban Mass Transportation Act of 1964
 FTB Franchise Tax Board
 FTE Focused Training Evaluation
 Full-time Employee

FTIP Federal Transportation Improvement Program;

3-year list of transportation projects proposed within the planning area of an MPO. Short range version of RTP.
 Projects are drawn from the STIP and SHOPP.

FTP File Transfer Protocol, Federal Test Procedures
 FU Functional Unit
 FVMSS Federal Motor Vehicle Safety Standards
 FWD Falling Weight Deflectometer
 FWPCA Federal Water Pollution Control Act
FWS Fish & Wildlife Service (US)
 FY Fiscal Year

G

GAAP Generally Accepted Accounting Principles
 GAO General Accounting Office
 GAR Governor's Action Request
 GARVEE Grant Anticipation Revenue Vehicle bonds
 GASB 34 Governmental Accounting Standards Board statement 34 (calls for state and local transportation agencies to include the costs of infrastructure assets in their financial statements)
 GATS General Agreement on Trade in Services
 GDP Gross Domestic Product
 GE Gravel equivalent
 GEP Good Engineering Practice
 GERT Graphical Evaluation and Review Technique
 Gf Gravel Factor
 GFE Good Faith Effort
GHG Greenhouse Gas
 GHSA Governors Highway Safety Association
 GHSR Governor's Highway Safety Representative
GIS Geographic Information Systems
 GNMA Government National Mortgage Association ("Ginnie Mae")
 GOGO Government-Owned/ Government-Operated
GPS Global Positioning System
 GRAS Generally Recognized as Safe
 GR Guard Rail
 GRH Guaranteed Ride Home
 GSA General Services Admin.
 GUI Graphical User Interface
 GVW Gross Vehicle Weight
 GVWR Gross Vehicle Weight Rating

H

HA Health Advisory
 H&T Hub and Tack
 HABR Historic American Building Record
 HABS Historic American Buildings Survey
 HAER Historic American Engineering Record
 HAP Hazardous Air Pollutant
 HAPPS Hazardous Air Pollution Prioritization System
 HAR Highway Advisory Radio

HASR **Historic Architecture Survey Report**; Evaluation of historic structures in the project study area

HAZMAT Hazardous Materials

HAZOPS Hazardous Operations

HB&M Humboldt Base and Meridian

HBO Health Benefits Office

HBP Highway Bridge Program (Database - Filemaker)

HBRR **Highway Bridge Rehab. & Replacement**
(Old name for HBP, Fed program)

HCM Highway Capacity Manual
(Transportation Research Bd.)

HCP Habitat Conservation Plan

HCS Hazard Communication Standard

HDD Horizontal Directional Drilling

HDM Caltrans Highway Design Manual

HDPE High Density Polyethylene

HEDTL Harmer E Davis Transportation Library

HEEP Health and Environmental Effects Profile

HEPA Highly Efficient Particulate Air (Filter)

HERS-ST Highway Economic Requirements System-State Version software (for planning and scheduling highway work and determining future highway system needs.)

HES **Hazard Elimination Safety** program (Fed)

HFC Hydrofluorocarbon

HHS U.S. Department of Health and Human Services

HI Height of Instrument (surveying)

HIC Highway Interchange Center

HMA Hot Mix Asphalt

HMO Health Maintenance Organization

HMP Hydromodification Management Plan (to control post-development peak stormwater runoff discharge rates and duration)

HMS Highway Maintenance System

HMTA Hazardous Materials Transportation Act

HMWM High Molecular Weight Methacrylate
(deck crack mitigation)

HOV High Occupancy Vehicle
(2 and in some cases 3 or more per car.)

HP Horse Power

HP3 **Humboldt People Powered Pathways**

HPC High Performance Concrete (also UHPC)

HPMS Highway Performance Monitoring System

HP&R Highway Planning and Research

HPS High Performance Steel

HPSR **Historic Properties Survey Report**;
Summarizes findings of HRER, ASR and HASR

HR Human Resource

HR3 **High Risk Rural Road Program**

HRAC Hot Recycled AC

HRER **Historic Resource Evaluation Report**; Evaluation of historic significance of certain man made features (canals) in the project study area

HRI Highway Rail Intersection

HRIS Highway Research Information Service, Human Resources Information System

HSDB Hazardous Substance Data Base

HSIP **Highway Safety Improvement Program**

HSIS Highway Safety Information System

HSNS Highway System of National Significance

HSP Highway Safety Plan **or Home Storage Permit**

HSPF Heating Season Performance Factor

HSOPP Highway Systems Operations & Protection Plan

HSR High Speed Rail, Historic Survey Report

HSRI Highway Safety Research Institute

HTF Highway Trust Fund

HTIMS Highway Technology Information Management System

HTML Hypertext Markup Language

HTTP Hypertext Transport Protocol

HUD Housing & Urban Development;
Head Up Display (ITS)
Hydrology and Water Quality Study: Analyzes the increase in storm water runoff likely to occur and the potential impacts on water quality a project may have.

HUTA Highway User Tax Account

HVAC Heating, Ventilation, and Air-Conditioning system

HWMP Hazardous Waste Management Plan

I

IA	Independent Assurance
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IAST Independent Assurance Sampling and Testing
 IBRC Innovative Bridge Research and Construction program (FHWA – TEA-21)

IBRD	Innovative Bridge Research & Development
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IBTC International Border Trade Corridor
 ICAS Internet Contract Administration System
 ICES Inter-modal Corridors of Economic Significance

ICRP

I/D Incentive/Disincentive
 IDL Interface Definition Language (ITS)
 IDP Individual Development Plan
 IEEE The Institute of Electrical and Electronic Engineers
 IEN Information Exchange Network (ITS)
 IFB Invitation for Bid

IFMS Integrated Financial Management System

IGR Inter Governmental Review
 IHSDM Interactive Highway Safety Design Model (software)
 I/I Infiltration and Inflow
 IIP Inter-regional Improvement Program
 ILD Inductive Loop Detector

IMD

IMMS Integrated Maintenance Management System
 IMPC Integrated Plant Management and Control
 IMPROVE Interagency Monitoring of PROtected Environments
 IMS Intermodal Facilities and Systems Management System
 ILV/hr Intersecting Lane Vehicles per hour
 IP Internet Protocol, Implementation Package
 IPA Information Practices Act; places specific requirements on State agencies in the collection, use, maintenance, and dissemination of information relating to individuals.
 IPG Interagency Planning Group
 IRIS Integrated Risk Information System
 IRP Interregional Partnership (STANCOG)
 IRR Intercity Rail; Indian Reservation Roads
 IRRS Interregional Route System

Interregional Road System Plan

IRS Internal Revenue Service
 IRVM Integrated Roadside Vegetation Management
 IRWA International Right of Way Association
 IS Information Services, Initial Study

ISA Initial Site Assessment;

Evaluates potential for encountering hazardous materials in the project study area.

ISC Indirect Source Control
 ISEA International Safety Equipment Assoc.

ISO International Standards Organization <http://www.iso.ch/iso/en/ISOOnline.frontpage>

ISP Information Service Provider
 ISSC Information Systems Service Center
 ISTEAA Intermodal Surface Transportation Efficiency Act
 IT Information Technology
 ITA Intertribal Transportation Association

ITAP	Information Technology Acquisition Plan
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ITE Institute of Transportation Engineers
 ITS Intelligent Transportation Systems
 ITS America Intelligent Transportation Society of America <http://www.itsa.org/>
 ITSP Interregional Transportation Strategic Plan
 ITI Intelligent Transportation Infrastructure
 ITII International Technical Information Institute
 ITIP Interregional Transportation Improvement Program; Portion of STIP that includes Caltrans selected projects (25% of fund)
 ITMS Integrated Traffic Management System; or
 Intermodal Transportation Management System
ITS Intelligent Transportation Systems;
 Institute of Transportation Studies (UC Berkeley)
 ITSP Interregional Transportation Strategic Plan
 IUOE International Union of Operating Engineers
 IVHS Intelligent Vehicle-Highway Systems (now ITS)

IVI Intelligent Vehicle Initiative
IVIS In Vehicle Information System (ITS)

J

JB Junction Box
JCL Job Control Language
JCP Jointed Concrete Pavement
JP joint pole
JPA Joint Powers Agreement
JPCP Jointed Plain Concrete Pavement
JRCP Jointed Reinforced Concrete
JS junction structure
JUA ?

K

KBES Knowledge Based Expert System
(Symbolic reasoning & Heuristics)
KISS Keep It Simple, Stupid (not CT)

KL/R ratio A calculation relating to columns buckling see: <http://en.wikipedia.org/wiki/Buckling>

KSA Knowledge, Skills and Abilities

L

LA Local Agency
LAAPS Local Agency Automated Pay System
LACMTA Los Angeles County Metropolitan Transportation Authority
LACTC Los Angeles County Transportation Commission

LADRP	Local Assistance Dispute Resolution Process
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LAE Local Assistance Engineer
LAFCO Local Agency Formation Commission
LAMBRA Local Agency Military Base Recovery Area
LAN Local Area Network
LA-ODIS Local Assistance- Online Data Information System
LAP Local Assistance Program
LAPG Local Assistance Program Guidelines
LAPM Local Assistance Procedures Manual
LAPS Local Assistance Payment System
LARTS Los Angeles Regional Transportation Study
LASC Landscape Architecture Standards Committee
LBSRA
LBSRP Local Bridge Seismic Retrofit Program
LCA Least Cost Alternate
LCB Lean Concrete Base
LCC Local Coastal Commission,
League of California Cities, Life Cycle Cost
LCCA Life Cycle Cost Analysis
LCD Liquid Crystal Display (Power Point Projector)
LCO Labor Compliance Officer
Local Capital Outlay projects
LCP Local Coastal Plan
LCS Lane Control Sign
LDAP Lightweight Directory Access Protocol
LDPE Low Density Polyethylene
LDS Labor Distribution System
LEAD Local Equivalent Area Drainage method
LED Light Emitting Diode
LEDPA Least Environmentally Damaging Practicable Alternative
LEL Lowest Explosive Level
LEM Location Efficient Mortgage (see TOD)
LEO Low-Earth Orbit Satellite System
LEP Limited English Proficiency
LESS Least Cost Estimating & Scheduling System
LF Late Finish; Linear Foot
LIBOR London InterBank Offered Rate
LIM Land Inventory and Monitoring system (SCS)
LIP Local Intersection Program
LJAC Local Jurisdiction Advisory Committee
LLP Limited Liability Partnership

LOC Local
 LOE Level of Effort
 LOL Layout Line
 LONP Letter of No Prejudice
 LOP Letter of Permission
LOS Level of Service (A=freeflow, F=gridlock)
 LOTB Log of Test Borings
 LP2000 Local Assistance Database for Projects
 LPA Local Programs Accounting or Local Public Agency (used by FHWA)
 LPAMS Local Programs Accounting Management System: provides appropriation management and tracks expenditures for local assistance projects. Extracts data from CTIPS allowing LP2000 to process allocations. LPAMS has been replaced by Info Advantage (EFIS).
 LPG Liquid Petroleum Gas
LPP Local Programs Procedures (Updates for the LAPM and LAPG)
 LPP# Local Programs Procedure #
 LRDC Labor Relations Decision Council
 LRFD Load & Resistant Factor Design
 LRH Last Resort Housing
 LRMS Location Reference Messaging Standard (ITS)
 LROP Long Range Operations Plan
 LRT Light Rail Transit
 LS Lump sum, Late Start, Land Surveyor
 LSSRP Local Seismic Safety Retrofit Program
 LSTP Local Surface Transportation Plan
 LSUM Linear Synchronous Unipolar Motor
 LT Limited Term
 L&T Lead and Tack (surveying)
 LTA Local Transportation Authority
 LTAP Local Technical Assistance Program
 LTC Local Transportation Commission
 LTEC Least Total Expected Cost to the public design
 LTF Local Transportation Fund; receives TDA revenues = 0.25% sales tax for transit, bike & pedestrian
 LTMA Lightweight Truck Mounted Attenuator
 LTPP Long-Term Pavement Performance
 LTS Lime Treated sub-Base
 LUICE Land use Inventory Contingency and Edit
 LUST Leaking Underground Storage Tank
 LVDT Linear Variable Differential Transformers
 LVR Low Volume Road

M

MA Master Agreement; Minimum Allocation funds: Minor Arterial
 MACT Maximum Achievable Control Technology
 MADT Monthly average daily
 MAGLEV Magnetic Levitation Transportation Technology Deployment Programs
 MAIT Multidisciplinary Accident Investigation Team
 MAN Metropolitan Area Network (ITS)
 MAP Million Annual Passengers,
 Multiple Alternative Planning
 MAP21
 MAR Material Adjustment Report
 MATES Materials and Technology Engineering and Science
 MB Metal Beam, Megabytes
 MBB Metal Beam Barrier
 MBE Minority Business Enterprise
 MBGR Median Barrier Guard Rail
 MBO Management by Objectives
 MC Medium curing
 MCAG Merced County Assoc. of Governments
 MCD Minor Civil Division
 MCE Maximum Credible Earthquake
 MCEDC Merced City Economic Development Corp.
 MCFC Molten Carbonate Fuel Cell
 MCL Maximum Contaminant Level
 MCLG maximum contaminant level goal (water qual)
 MCM Minimum Control Measures (water qual)

MCOG	Mendocino Council of Governments
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MCP Municipal Compliance Plan
 MCSAP Motor Carrier Safety Assistance Program

MDB&M Mt. Diablo Base and Meridian (surveying)
 MDI Model Deployment Initiative (ITS)
 MEA Master Environmental Assessment
 MEP Minority Engineering Programs,
 Maximum Extent Practicable (water qual)
 MERS Maintenance Employees' Reporting System
 MESO Maintenance Employee Safety Orientation
 META Maintenance Equipment Training Academy
 METS Materials Engineering and Testing Services
 MG Minimum Guarantee funds
 MID Modesto Irrigation District
 MIME Multipurpose Internet Mail Extension

Minor Project- Less than \$750,000, not STIP or SHOPP. In California, minor capital outlay consists of construction projects or equipment acquired to complete a construction project estimated to cost less than \$750,000. The California Transportation Commission allocates a fiscal year level for this category with specific project allocation approval delegated to the Department. Minor is further segregated into two categories: Minor A - Minor construction projects with an estimated contract value between \$117K - \$750K. Minor B - Minor construction projects with an estimated value less than \$117,000.

MIS Management Information Systems, Major Investment Study
 MITMT Major Incident Traffic Management Team
 MJC Major Collector (Rural); Modesto Junior College
 MLRA Major Land Resources Area
 MMANC Municipal Management Association of Northern California
 MMI Man-Machine Interface (ITS)
 MMSI Maintenance Management System Improvement
 MNC Minor Collector (Rural)
 MOA Memorandum of Agreement
 MODEM Modulator/Demodulator
 (Convert binary to analog signal for phone)
 MOE Measure of Effectiveness
 MOS Metal-Oxide Semiconductor,
 margin of safety
 MOST Methodology for Optimizing Signal Timing
 MOU Memorandum of understanding
 MPGR Metal Plate Guard Railing
MPO Metropolitan Planning Organization
 MPU Microprocessing Unit
 MSA Merit Salary Adjustment
 Metropolitan Statistical Area
 Management System Activities, a two digit code for levels 5,6 or 7 in WBS, also on TRS
 Medical Savings Account health plan Maintenance Superintendents Association
 MS-DOS MicroSoft-Disk Operating System
 MSDS Manufacturers Safety Data Sheet
 MSE Mechanically Stabilized Earth Retaining
 MS4 Municipal Separate Storm Sewer System
 MSL Maintenance Service Level, Mean Sea Level
 MSW Municipal Solid Waste
 MT Mass Transit
 MTA Mass Transit Account
 MTC Metropolitan Transportation Commission
 (Bay Area)
 MTD Memo-To-Designers
 MTDB Metropolitan Transit Development Board (San Diego)
 MTMC Military Traffic Management Command
 MTP Mass Transportation Program,
 Metropolitan Transportation Plan
MUTCD Manual of Uniform Traffic Control Devices
 MVMA Motor Vehicle Manufacturers Association
 MWBE Minority Women-owned Business Enterprise

N

NA National Architecture (ITS)
 NAA Non-attainment Area
 NAAQS National Ambient Air Quality Standards
 NACE National Association of Corrosion Engineers,
 National Association of County Engineers
 NACG National Association of County Governments
 NAC National Association of Counties
 NAD North American Datum (surveying)
 NAE no adverse effect,
 National Academy of Engineering

NAER National Architectural and Engineering Record
 NAFTA North American Free Trade Agreement
 NAGPRA Native American Graves Protection & Repatriation Act of 1990
 NAHC Native American Heritage Commission
 NAHSC National Automated Highway System Consortium
 NAICS North American Industrial Classification System
 NALEO National Association of Latino Elected and Appointed Officials
 NAMS National Air Monitoring Stations
 NAP Non-attainment Area Plan
 NAPA National Academy for Public Assistance, National Asphalt Paving Association, National Automobile Parts Association
 NAPCA National Air Pollution Control Administration
 NAR National Architecture Review (ITS)
 NARD Numerical Analysis of Roadside Design
 NARSTO North American Research Strategy for Tropospheric Ozone
 NAS National Academy of Sciences
 NASA National Aeronautics and Space Administration
 NASR Negative Archeological Survey Report
 NASS National Accident Sampling System
 NATTC National Association of Transportation Technology Transfer Centers
 NAV Navigation
 NAWCA North American Wetlands Conservation Act
 NB Northbound
 NBI National Bridge Inventory, bridge data supplied by states for the NBIS (see also BMS)
 NBIS National Bridge Inspection Standards, are minimum requirements for inspection standards
 National Bridge Inventory System
 NBS National Bureau of Standards
 NBSSR Noise Barrier Scope Study (or Summary) Report for sound wall projects
 NCAC National Crash Analysis Center
 NCAPA Northern California Asphalt Producers Assoc.
 NCAT National Center for Asphalt Technology
 NCCER National Council for Civil Engineering Research
 NCEER National Center for Earthquake Engineering Research
 NCHRP National Cooperative Highway Research Program
 NCPP National Center for Pavement Preservation
 NCSL National Conference of State Legislatures
 NCTB Northern California Team Building
 ND Negative Declaration, None Detected (water qual)
 NDAA Natural Disaster Assistance Act
 NDI Non-Industrial Disability Insurance
 NDSP National Dam Safety Program
 NDT Non-Destructive Testing
 NE no effect
 NEAR National Emergency Aid Radio
 NEDS National Emissions Data System
 NEEP National Experimental and Evaluation Program
 NEHRP National Earthquake Hazards Reduction Program
 NEIS National Environmental Information Service
 NEMA National Electrical Manufacturers Association
NEPA National Environmental Policy Act (1969)- all Fed. funded projects require Fed. review
NES/BA Natural Environmental Survey / Biological Assessment; Evaluation of native species and habitat found in project study area.
 NESHAP National Emission Standards for Hazardous Air Pollutants
 NET National Emissions Trends Inventory
 NFIP National Flood Insurance Program
 NFPA National Fire Prevention Association
 NGS National Geodetic Survey
 NGVD National Geodetic Vertical Datum

NHCBP	National Historic Covered Bridge Preservation Program
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 NHI National Highway Institute
 NHPA National Historic Preservation Act,
 Federal, 1966, esp. section 106. See also State Public Resources Code Sections 5024 and 5024.5
 NHPN National Highway Planning Network
 NHS National Highway System
 NHSB National Highway Safety Bureau
 NHTSA National Highway Traffic Safety Administration
 NIA National ITS Architecture
 NICET National Institute for Certification in
 Engineering Technologies
 NIH National Institutes of Health
 NII National Information Infrastructure (ITS)

NIMBY	Not In My Back Yard
NIOSH	National Institute for Occupational Safety and Health
NIPC	National Infrastructure Protection Center (FBI)
NIST	National Institute of Standards and Technology
NLAA	Not Likely to Adversely Effect
NLT COB	No Later Than Close Of Business
NMCSP	National Motor Carrier Safety Program
NMFS	National Marine Fisheries Service
NMSL	National Maximum Speed Limit
NO	Nitric Oxide
NOA	Naturally Occurring Asbestos; Notice of Arrival
NOAA	National Oceanic and Atmospheric Administration
NOAEL	no-observed-adverse-effect level
NOEL	No Observable Effect Level
NOC	Notice of Construction
NOCC	Notice of Construction Completion
NOD	Notice of Determination (CEQA – project approval)
NOI	Notice of Intent (NEPA process, notice placed in Federal Register advising public that EIS will be prepared for a project)
NOL	Naval Ordnance Laboratory
NOP	Notice of Preparation (CEQA – notice that EIS will be prepared)
NOPR	Notice Of Proposed Rulemaking
NOS	National Oceanic Survey
n.o.s.	not otherwise specified
NOT	Notice of Termination
N2O	Nitrous Oxide
NOx	Nitrogen Oxides
NORM	Naturally Occurring Radioactive Material
NPDES	National Pollutant Discharge Elimination System <small>(revised, thanks to Mary MacGillivray, District 7 Office of Project Studies)</small>
NPHQ	National Partnership for Highway Quality
NPRM	Notice of Proposed Rule Making
NPS	National Park Service
	Non-point Source
NRC	National Research Council
NRCS	Natural Resources Conservation Service, formerly SCS
NRCP	Non Reinforced Concrete Pipe
NRDA	Natural Resource Damage Assessment
NRDC	Natural Resources Defense Council
NRHP	National Register of Historic Places
NRI	National Resources Inventory
NRPD	North Region Project Development
NRVMA	National Roadside Vegetative Management Association
NS	Non-Regulatory Supplement
NSF	National Science Foundation
NSIS	National Safety Information Systems
NSPE	National Society of Professional Engineers
NTCIP	National Transportation Communications for ITS Protocol
NTI	National Transit Institute
	National Toxics Inventory
NTIS	National Technical Information Service
NTN	National Truck Network
NTOC	National Transportation Operations Coalition
NTP	Notice To Proceed, National Transportation Policy, National Toxicology Program
NTPAW	National Transportation Public Affairs Workshop
NTR	New Technology and Research
NTSB	National Transportation Safety Board
NTU	Nephelometric Turbidity Units
NURP	Nationwide Urban Runoff Program
NWI	National Wetland Inventory

NWP Nation Wide Permit (Section 404)

O

OA Obligation Authority (Federal, \$/year)
OAQPS Office of Air Quality Planning and Standards, U.S. EPA
OBM Office of Business Management
OBS Organization Breakdown Structure
OBRA90 Omnibus Budget Reconciliation Act of 1990
OC Over-crossing
OCP Office of Community Planning also 2010 St Plan D77C Alternative Trash Rack for Type OCP Inlet
OCTA Orange County Transportation Authority
ODIS
O&D survey Origin and Destination
O&M Operation and Maintenance
OE Office Engineer, Operating Expense
OEA Office of External Audits,
Office of Energy Assessments,
Office of Environmental Analysis
OECA Office of Enforcement and Compliance Assurance (U.S. EPA)
OEM Original Equipment Manufacturer
OES Office of Emergency Services
OFCCP Office of Federal Contract Compliance Programs
OGAC Open Graded Asphalt Concrete
OGAC(R) Open Graded Asphalt Concrete (Rubberized)
OH Overhead
OHP Office of Historic Preservation (Cal.)
OHWM Ordinary High Water Mark
OIG Office of the Inspector General
OIP Order of Immediate Possession
OJT/SS On the Job Training/Supportive Services
OLP Office of Local Programs, @ HQ;
admin of Fed. Aid & Local Assist. Now DOLA
OJT On-the-job training
OMB Office of Management and Budget
OPA Other Principal Arterial
OPEC Organization of Petroleum Exporting Countries
OPO Office of Personnel Operations
OPPD Office of Project Planning and Design
OPPTS Office of Prevention, Pesticides,
and Toxic Substances (U.S. EPA)
OPR Office of Planning and Research (governor's)
ORC Organizational Review Committee
ORCP Oval Reinforced Concrete Pipe
OREA Office of Real Estate Appraisers
OSC Office of Structure Construction
OSHA Occupational Safety and Health Administration (U.S.)
OSI Open Systems Interconnection (ITS)
OSM&I Office of Structures and Maintenance Inspection
O₃ Ozone
OST Office of the Secretary of Transportation;
Out of State Travel
OT Overtime
OTI Office of Traffic Improvement
OTP Operational Test Plan (ITS)
OTS Office of Traffic Safety
OWM Office of Wastewater Management (EPA)
OWP Overall Work Plan or Program

P

P2 Pollution Prevention
P3 Primavera Project Planner (software)
P4 Pollution Prevention Permitting Project
P&P Policy and Procedure Directive
P&R Park-and-Ride
PA
PABS Programming and Budgeting System
PAC Policy Advisory Committee or Principal Arterial Corridor
PACT Program Accountability in Caltrans
PADP Ports Access Demonstration Project

PA&ED Project Approval & Environmental Document

PAI Principal Arterial – Interstate

PAMS Photochemical Assessment Monitoring Stations

PA/SI Preliminary Assessment / Site Investigation

PAP Perforated aluminum pipe

PAQSD Primary Air Quality Standards

PAR Personnel Action Request,
Project Authorization Request,
Project Approval Report

PARF Position Action Request Form

PASSER II Progression Analysis and Signal System Evaluation Routine

PATH Partners for Advanced Transportation
and Highways

PAYT Pay As You Throw

PB Paint binder; Pull Box

Pb Lead

PBA Performance Based Asphalt

PBDEs polybrominated diphenyl ethers (see BFRs)

PBMS Performance Based Measurements Systems

PBO Programmatic Biological Opinion

PBX Private Branch Exchange

PC Program Coordinator; Prime Coat; Party Chief; Personal Computer

PCA Portland Cement Association

PCBs Polychlorinated Biphenyls

PCC Point of compound curvature;
Portland Cement Concrete

PCCP Portland Cement Concrete Pavement, Pre-stressed Concrete Cylinder Pipe

PCE Programmatic Categorical Exclusion (NEPA),
Perchloroethylene

PCEPH Passenger Car Equivalents Per Hour

PCI Paint Condition Index; Precast/Prestressed Concrete Institute

PCi/L Pico Curies per Liter (water qual., radioactivity)

PCP Primary Care Physician

PCS Personal Communications System

PCSD President's Council on Sustainable Development

PCR Project Change Request

PCS Project Control Survey;
Permit Compliance System

PCVC Point of compound vertical curve

PD Project Development OR Police Department

PDA Personal Digital Assistant

PDF Portable Document Format –
Adobe Acrobat stuff

PDH Professional Development Hour

PDL Planning Development Liaison

PDM Probabilistic Dilution Model ;
Precedence Diagramming Method

PDO Property Damage Only

PDPM Project Development Procedures Manual

PDRC Pavement Design and Rehabilitation Committee

PDS Project Development Support

PDT Project Development Team

PE Preliminary Engineering, Polyethylene, Professional Engineer, Project Engineer

PEAR Preliminary Environmental Assessment Report

PECG Professional Engineers in California Government

PEDP Professional Engineer Development Program

PEER Permit Engineering Evaluation Report

PeMS Performance Measurement System

PERMIS Personnel Employee Records for the Management Information System

Permit 106 Review process for the National Historic Preservation Act

Permit 1601 A streambed alteration agreement for U.S. Department of Fish & Game

Permit 4(f) Use of parkland Permit**404 Permit issued by the U.S. Army Corps of Engineers**

Permit 7 Pertains to the Endangered Species Act

PERS Public Employees Retirement System

PERT Project Evaluation and Review Technique

PES Preliminary Environmental Study

PET Project Estimating Tool

PF Planned Finish Date, Pay Factor

PFCs Perfluorinated Carbons

PFT	Permanent Full Time	
PG&E	Pacific Gas and Electric	
PHG	Public Health Goal (water qual) set by CEPA	
PHS	U.S. Public Health Service	
PI	Permanent Intermittent	
PIA	Project ITS Architecture	
PIAS	Personal Information Access Subsystem (ITS)	
PKm	Post Kilometer	
PLH	Public Land Highway (Fed program)	
PI	Permanent Intermittent (Civil Service Appointment), preliminary investigation, Point of Intersection	
PIB	Personnel Information Bulletin	
PIC	Private Industry Council	
PID	Project Initiation Document	
PIER	Post-Implementation Evaluation Report	
PIF	Public Interest Finding	
PIMS	Personnel Information Management System	
PIN	Personal Identification Number, Priority Index Number (for barrier rail replacement projects)	
PIO	Public Information Officer	
PIP	Payroll Input Process, Project Initiation Proposal	
PISA	Project Information System & Analysis, or Administration	
PK	Parker-Kalan Nail	
P/L	Property line	
PLA	Project Labor Agreement	
PLAC	Permit License Agreement Certification or any combination of these. (from Chapter 13 of the Project Development Procedures Manual)	
PLH	Public Land Highways (program)	
PLP	Personal Leave Program	
PLUM	Projected Land Use Model	
PM	Project Manager; Post Mile; Preventive Maintenance; Particulate Matter	
PMBOK	Project Management Body of Knowledge	
PMCS	Project Management Control System	
PMDW	Project Management Data Warehouse	
PMI	Project Management Institute	
PMP	Perforated Metal Pipe; Project Management Professional	
PMPM	Project Management Procedures Manual	
PMR	Position Management Report	
PMS	Pavement Management System; Parking Management System (ITS)	
PMSU	Project Management Support Unit	
PM-10	Particulate Matter 10 microns or smaller	
PN	Paving Notch	
PO	Purchase Order	
POC	Pedestrian Over-Crossing; Point on (horizontal) curve	
POE	Port of Entry	
POGO	Privately-Owned/ Government-Operated	
POM		
PONTIS	AASHTO supported bridge management program	Polycyclic Organic Matter
POP	Post Office Protocol	
POS	Point Of Service health plan	
POT	Point on tangent	
POVC	Point on vertical curve	
P&P	Policy & Procedure	
ppb	Parts Per Billion	
PPC	Plastic Pipe Culvert	
PPDG	Project Planning and Design Guide	
PPE	personal protective equipment	
PPIC	Public Policy Institute of California	
PPM	Planning, Programming & Monitoring, Policy and Procedures Memorandum	
ppm	Parts Per Million	
PPNO	Planning and Programming Number	
PPO	Preferred Provider Organization	

PPR Project Programming Request
 PPT Permanent-Part Time (Employee)
 ppt part per trillion
 PQS Professionally Qualified Staff
 PR Project Report
 PRC Point of Reversing Curve
 Prop 116 State bicycle program
 PRF Pavement Reinforcing Fabric
 PRISM Performance and Registration Information System Management (not PRSM)
 PR2/2A Fed/State supplemental agreement and modification to agreement (being phased out)
 PRS Performance Related Specifications
 PRSM Project Resources and Schedule Management
 (not PRISM)
 Prop 1B Proposition 1B – Seismic Projects
 PRVC point of reverse vertical curve
 PS Planned Start Date
PSA Program Supplemental Agreement;
 Precursor System Architecture (ITS)
 PSCS Project Schedule and Control System
 PSDP Planning Staff Development Program
PS&E Plans, Specs and Estimate
 PSI Preliminary Site Investigation;
 pounds per square inch
 Pollutant Standards Index
 psig Pressure Per Square Inch Gauge
 PSM Point Source Monitoring
PSP Pedestrian Safety Program;
 perforated steel pipe
PSR Project Study Report for STIP projects, preprogramming information.
 PSS Personnel Services Specialist
 PSSR Project Scoping Summary Report
 for SHOPP projects
 PSTIP Proposed State Transportation Improvement Program
 PSTN Public Switched Telephone Network
PTA Public Transportation Account;
 the major State account for mass transportation
 PTE Pile tip Elevation (bridge related)
 PTMS Public Transportation Management System
 P2P TCD Peer-to-Peer program on Traffic Control Devices (FHWA)
 PTS Positive Train Separation (ITS)
 PUC Public Utilities Commission
 PVC Polyvinyl Chloride
 PVD Prefabricated Vertical Drain
PVEA Petroleum Violation Escrow Account
PY Person – Year (1758-1800 hours)
 PYE Person Year Equivalent
 PYPSCAN Person Year Project Scheduling & Cost Analysis

Q

QAP Quality Assurance Program, Qualification Appraisal Panel
QA/QC Quality Assurance/ Quality Control
 QBS Qualification Based Selection
 QCIP Quality and Continuous Improvement Program
 QCRP Quality Control Review Process
 QIP Quality Improvement Plan
 QMP Quality Management Plan
 QoS Quality of Service

R

RA Reasonable Alternative; Regulatory Alternatives; Regulatory Analysis; Remedial Action;
 Resource Allocation; Risk Analysis;
 Risk Assessment
RABA Revenue Aligned Budget Authority, annual funding adjustment highway program to firewall level reflecting receipt estimates.
 RAC Rubberized Asphalt Concrete
 Research Advisory Committee
 RACM Reasonable Available Control Measures
 (air qual.)
 RAD Rapid Application Development,
 Radiation Adsorbed Dose

RAM	Responsibility Assignment Matrix
RAN	Revenue Anticipation Note
RAO	Regional Administrative Officer
RAP	Relocation Assistance Program or Payments; Reclaimed Asphalt Pavement
RAPID	Rural Agency Project Implementation District
RAQS	Regional Air Quality Strategy
RAS	Regional Arterial System
RAW	Revenue Anticipation Warrant ("bridge" loan)
RBS	Resource Breakdown Structure
RCA	Recycled Concrete Aggregate or Request for Cooperative Agreement
RCM	Reliability Centered Maintenance
RCP	Reinforced Concrete Pipe
RCR	Route Concept Report, part of planning process which provides a service concept
RCRA	Resource Conservation and Recovery Act
RCTF	Rural Counties Task Force
R&D	Remove & Dispose
RDO	Regular Day Off
RDP	Route Development Plan, part of planning process which provides alternatives
RDNA	Recombinant DNA
RDS	Radio Data Systems (ITS)
R&S	Remove & Salvage
RE	Resident Engineer
REMOVE	Reduced Motor Vehicle Emissions Program
RERWP	
REVISIT	RBS Evaluation, Verification, Integration & Support Improvement Team
RFA	Request for Authorization
RFB	Request for Bid
RFG	Reformulated Gasoline
RFP	Request for Proposal
RFQ	Request for Qualifications Request for Quotation
RFS	Richmond Field Station (UCB)
RIA	Regulatory Impact Analysis; Regional ITS Architecture
RICO	Racketeer Influenced and Corrupt Organizations Act
RIFA	Red Imported Fire Ant
RIP	Regional Improvement Plan
RLF	Red Legged Frog
RM	risk management
RMP	Regional Mobility Plan
RNA	Ribonucleic Acid
ROD	Record of Decision
ROE	Report of Expenditures
ROG	Reactive Organic Gases
ROI	Return on Investment or Report on Investigation
RRC	Rural Residential Center
RRR	Resurfacing (overlay), Restoration (to original condition), Rehabilitation (upgrade guardrail, widen shoulders, etc.)
R/S	Resource / Schedule
RSP	Roadway Safety Program (ATSSA)
RSPA	Research and Special Programs Admin.
RSTP	Regional Surface Transportation Program
RTIF	Regional Transportation Impact Fee
RTIP	Regional Transportation Improvement Program , 75% of STIP funds. List of projects submitted to CTC by RTPAs for seven year horizon, updated every two years.
RTL	Ready To List
RTP	Regional Transportation Plan , Federally required 20-year plan by MPO's, updated every 3-years
RTPA	Regional Transportation Planning Agency , State designated agency responsible for prep. of RTP & RTIP
RTS	Remote Traveler Support Subsystem (ITS)
RWQCB	Regional Water Quality Control Board

S

S In EFIS pages under Phase, also "SE" followed by a number: Means "single phase". SE means "single phase with earmark".

SAAMP	Special Area Aquatic Management Plan
SAB	Seismic Advisory Board
SACOG	Sacramento Area Council of Governments
SADBU	Small And Disadvantaged Business Utilization
SAE	Society of Automotive Engineers
SAFEs	Service Authorities for Freeway Emergencies

SAFETEA Safe, Accountable, Flexible and Efficient Transportation Equity Act of 2003 (I'm not sure this is correct MM)

SAFETEA-LU - Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users

SAIN Substance Abuse Information Network

SAM State Administrative Manual

SAME Society of American Military Engineers

SAMI Stress-Absorbing Membrane Interlayer

SANBAG San Bernardino Associated Governments

SANDAG San Diego Association of Governments

SAP Sampling and Analysis Plan OR Safety Assessment Program

SAPA State Asphalt Paving Associations

SAVE Society of American Value Engineers

SB Senate Bill

SBB&M San Bernardino Base and Meridian (surveying)

SB45 1997; State increased authority of RTPA's, etc. Est. current STIP process; timely use

SBS Sick Building Syndrome

SC Slow Curing; Start Construction

SCADA Supervisory Control and Data Acquisitions

SCAG Southern California Association of Governments

SCANDI Surveillance Control and Driver Information System

SCBT segmental concrete bridge technology

SCC self-consolidating concrete (use of plasticizers)

SCE Southern California Edison

SCEDCO Stanislaus County Economic Development Corporation

SCFM Standard Cubic Feet Per Minute

SCH State Clearing House

SCO State Controllers Office

SCOH Standing Committee on Highways

SCS Soil Conservation Service (now NRCS)

SCSP Storm and Combined Sewer Program

SD Structurally Deficient (bridge),
Standard Deviation

SDC Seismic Design Criteria

SDO Standards Development Organization

SDP Strategic Deployment Plan

SDWA Safe Drinking Water Act

SEA Systems Engineering Analysis

SEAC Sulfur Extended Asphalt Concrete

SEC U.S. Securities and Exchange Commission

SEMS	Standard Emergency Management System
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SEP Senior Environmental Planner

Special Emphasis Program

Special Experimental Project; (ex.: FHWA allowed states to evaluate the design-build method on an experimental basis through SEP-14.

Section 4(f) USDOT Act of 1966, Protects publicly owned parks, recreational areas, wildlife and water fowl refuges and land from historic sites

Section 7 Of Endangered Species Act of 1973

Section 9 Prohibited Acts

Section 10 Habitat Conservation Plans

Section 106 National Historic Preservation Act of 1966. Protection of cultural resources and historic properties.

Section 130 Railroad / Highway At-Grade Crossings
Safety Program

Section 404 of the 1977 Federal Clean Water Act

SEMP Systems Engineering Management Plan

SER Standard Environmental Reference <http://www.dot.ca.gov/ser/>

SERF Systems Engineering Review Forms

SF Scheduled Finish Date / Start-to-Finish; Standard Form; Short Form: Superfund

SFOBB San Francisco-Oakland Bay Bridge

SFP Single Focal Point

S&H Code Streets & Highways Code – laws governing funding & development of projects

SHA State Highway Account; Major account for highways (gas tax & weight fees)
State Highway Agency

SHBSB State Historic Building Safety Board

SHELL Subsystem of Highways for the Movement of Extralegal Permit Loads

SHOPP State Highway Operation and Protection Program, four & ten-year capital improvement program for rehabilitation, safety, and operational improvements on state highways.

Cannot increase roadway capacity. SB 1435-Kopp

SHRP State Highway Research Program

SHS State Highway System

SHPO	State Historic Preservation Officer
SHRC	State Historical Resources Commission
SHWL	Seasonal High Water Level
SI	International System of Units (The Modernized Metric System)
SI&A	Structure Inventory and Appraisal
SIB	State Infrastructure Bank
SIC	Standard Industrial Classification, Standard Industry Code
SIG	Special Interest Group
SIGOP	Signal Optimization
SIMS	Sign Inventory Management System
SIP	State Implementation Plan; air qual. Required by Fed, CAA of 1970. In order to be eligible for Fed \$ projects must demonstrate conformity to SIP.
SISA	Special In-grade Salary Adjustment
SICOG	San Joaquin Council of Government
SJHTC	San Joaquin Hills Transportation Corridor
SJVAPCD	San Joaquin Valley Air Pollution Control District
SLA	Structures Local Assistance, Simbionese Liberation Army (different people, same acronym)
SLAE	Structure Local Assistance Engineer
SLAMS	State and Local Air Monitoring Stations
SLIMS	?
SLC	State Land Commission
SLD	Sea Level Datum
SLIP	Serial Line Internet Protocol
SLPDP	State and Local Project Development Program
SLPP	State Local Planning Partnership
SLTC	Soluble Threshold Limit Concentration (Cal)
SLTPP	State Local Transportation Partnership Program State, discontinued)
SMARTA	Surface Mining and Reclamation Act (Calif.)
SMART	Structure Maintenance Automatic Report Transmittal system Goals: Specific, Measurable, Achievable, Realistic, Time limited.
SMBB	single metal beam barrier
SMR	Specialized Mobile Radio
SMS	Highway Safety Management System
SMSA	Standard Metropolitan Statistical Area
SMTP	Simple Mail Transfer Protocol
SNAFU	Situation Normal All Fouled Up (polite form)
SNAP	Sonic Nap Alert Pattern (Penn. Turnpike type rumble strip)
SNC	Significant Noncompliance
SNMP	Simple Network Management Protocol (ITS)
SO	Sulfur Dioxide
SOAP	Signal Operations Analysis Package
SOC	Synthetic Organic Chemicals
SOF	State Only Funding
SOFC	solid oxide fuel cell, see APU
SONET	Synchronous Optical Network (ITS)
SOQ	Statement of Qualifications
SOV	Single Occupancy Vehicle
SOW	Statement of Work
SO ₂	Sulfur Dioxide
SO _x	Sulfur Oxides
SPB	State Personnel Board
SPE	Start Preliminary Engineering
SPI	Schedule Performance Index
SP&R	State Planning & Research
SPOC	local public agency single point of contacts
SR2S	Safe Routes to School program (Fed) (est. by AB 1475, ext. by SB 10)
SPB	State Personnel Board
SPMIT	Statewide Project Management Improvement Team
SPRR	Southern Pacific Railroad
SQL	Standard Query Language
SR	Sufficiency Rating (bridge) or State Route
SRF	State Revolving (Loan) Fund (Clean Water Act)
SROA	State Restriction of Appointments
SRP	Secondary Road Plans
SRT	Slotted Rail Terminal

SRTP Short Range Transit Plans
 SS Scheduled Start Date / Start-to-Start
 SSE Separate State Estimate
 SSA Sole Source Aquifer
 SSB Scope, Schedule, and Budget
 ssambn such sums as may be necessary
 SSN Social Security Number
 SSES Sewer System Evaluation Survey
 SSO Sanitary Sewer Overflow
 SSPP Structural Steel Plate Pipe
 SSPs Standard Special Provisions
 SSR Standard Speed Rail
 SSTAC Social Service Transportation Advisory Council
 STA State Transit Assistance; State funding for mass transit oper. & cap. Imp.,
 By law, STA must receive 50% of PTA revenues
 STA State Transportation Agency
 STAA Surface Transportation Assistance Act of 1982
 STANCOG Stanislaus Council of Governments
 STAPPA State And Territorial Air Pollution Program Administrators
 STBB Single Thrie Beam Barrier
 STC State Training Center
 STD Sate Transportation Department
 STE State Transportation Enhancement
 STEL short-term exposure limit
STIP State Transportation Improvement Program,
 4-year list of projects approved by CTC and is a list of major projects.
 ITIP (25%) & RTIP (75%)
 STC State Training Center
 STMF Simple Transportation Management Framework (ITS)
 STMP Simple Transportation Management Protocol (ITS)
 STO Smart Testing Operations
STP Surface Transportation Program (Fed)
 (Formerly FAU or FAS)
 Study; Standard Temperature and Pressure
 STPP Surface Transportation Policy Project
 STPL Surface Transportation Program (Local)
 STRAHNET STRAtegic Highways NETwork
 STRUDL Structural Design Language (computer program)
 STURAA Surface Transportation and Uniform Relocation Assistance Act (1987)
 SU Source Unit
 SUDP Specific Urban Development Plan
 SULEV super ultra low emission vehicles
 Superpave Superior PERforming asphalt PAVements
 SUSMP Standard Urban Stormwater Mitigation Plan
 SV Schedule Variance
 SW Sidewalk Storm Water
 SWAG Stuff We All Get
 Scientific Wild Ass Guess
 (not CT. We don't guess, we know)
 SWDR Storm Water Data Report
 SWITRS Statewide Integrated Traffic Records System
 SWLF Solid Waste Landfill
SWMP Storm Water Management Plan
 SWMU Solid Waste Management Unit
SWPPP Storm Water Pollution Prevention Plan
 SWQAG Storm Water Quality Assessment Guide
 SWRCB State Water Resources Control Board
 SWTF Storm Water Task Force
 SYSOP Systems Operator

T

T2 Technology Transfer
 TA Technical Advisory
 TAC Technical Advisory Committee
 TAC/ALC Technical Advisory Committee for Agricultural Land Conservation
 TAG Technical Advisory Group
 TAM Transportation Asset Management
 (FHWA, resource allocation strategies)
 TAS Toll Administration Subsystem

TAR Tribal Authority Rule
 TARC Technical Assistance Resource Center
 TASAS Traffic Accident Surveillance and Analysis System
 TAT Tire Anchor Timber Wall
 TAU Temporary Authorization Appointment
 TAZ Transportation Analysis Zones
 TB Top of Bank
 TBB Thrie beam barrier
 TBC Top Back of Curb
 TC Top of Curb
 TCA Transportation Corridor Agency
 TCB Traffic Control Box
 TCCC Transportation Curriculum Coordination Council
 (FHWA led pooled fund study for training management and development under NHI)
 TCDD Dioxin (Tetrachlorodibenzo-p-dioxin)
 TCDH Traffic Control Devices Handbook
 TCE Trichloroethylene
 TCI Transit Capital Improvement program
 TCIF Trade Corridors Improvement Fund
 TCIP Transit Communications Interface Profiles (ITS)
 TCLP Toxicity Characteristic Leaching Procedure (Fed)
 TCM Transportation Control Measure
 – to reduce pollution emissions.
 TCP Traffic Control Plan
 TCP/IP Transmission Control Protocol/Internet Protocol
 TCR Transportation Concept Report;
 Transportation Corridor Report
 TCRA Traffic Congestion Relief Act (AB2928)
 TCRF Traffic Congestion Relief Fund
TCRP Transportation Congestion Relief Program, Transit Cooperative Research Program
 TCS Transportation Control Strategy,
 Traffic Controller Synchronizer,
 Traffic Control Systems, Transportation Corridor Study
 Toll Collection Subsystem
 TCSP Transportation, Community & Systems Preservation Program
 T&D Training and Development
 TDA Transportation Development Act; State law, 1971, 0.25% sales tax for transit & bike
 TDD Telecommunications Device for the Deaf
 TDIP Technology Deployment Initiatives and Partnerships
 TDM Transportation Demand Management;
 Travel Demand Management
 TDMA Time Division Multiple Access (ITS)
 TDP Transportation Development Plan
 (Formerly RDP),
 Tons Per Day (air qual.)
 TDS Total Dissolved Solids
 TE Transportation Engineer
 T&E Threatened and Endangered (species)
TEA Transportation Enhancement Act
 or Activities program (Fed)
 TEAM Together Everybody Achieves More (not CT)
 TEC Travel Expense Claim; Total Escalated Cost
TEA-21 Transportation Equity Act for the 21st Century (Fed); 1998-2004
 TeNS Technical Noise Supplement (<http://env.dot.ca.gov/env/noise/index.htm>)
 TERO Tribal Employment Rights Office or Ordinances
 TF Total Float / Target Finish Date
 TFA Transportation Funding Account
 TFHRC Turner-Fairbank Highway Research Center (McLean, VA)
 THC Total Hydrocarbons
 THM Trihalomethanes
 TI Traffic Index, = $9.0(ESAL/1,000,000)^{0.119}$; Temporary Intermittent
 TIC Technical Information Center
 TID Turlock Irrigation District
 TIE Toxicity Identification Evaluation
 TIES Total Integrated Engineering System
 TIF Transportation Investment Fund;
 Truck Inspection Facility
 TIFIA Transportation Infrastructure Finance
 & Innovation Act
 TIGER Topologically Integrated Geographic Encoding Referencing System

TIP Transportation Improvement Program

TIS Travelers Information System

TISE Take It Somewhere Else

TISP The Infrastructure Security Partnership
(Congress of Infrastructure Security for the Built Environment)

T&L Time and Labor

TL Transportation Laboratory

TLI Terrain Line Interpolation

TLSP	Traffic Light Synchronization Program
-------------	----------------------------------------------

TLV Threshold Limit Value

TMA Transportation Management Assoc. or Area

TMC Transportation Management Center; Traffic Management Center

TMCC Truck-Mounted Crash Cushion

TMDD Traffic Management Data Dictionary (ITS)

TMDL Total Maximum Daily Load;Limit

TMIP Travel Model Improvement Program

TMP Transportation Management Plan

TMS Traffic Management (or Monitoring or Maintenance) System or Subsystem, see TSM

TNT Trinitrotoluene

TOC Traffic Operations Center;
Total Organic Carbon/ Compound, Section 4(f)

TOD Transit Oriented Development

TOMIS Traffic Operations Management Information Service

TON Threshold of Odor Number (water qual)

TOPICS Traffic Operations Program to Improve
Capacity & Safety

TOPSS Transportation Operations and Project Support System (New time system)

TOS Traffic Operations System

TOT/MVM Total Accidents Per Million Vehicle Miles

TP Turning Point (surveying)

TPB Treated Permeable Base

TPC Technical Planning Committee

TP&D Transportation Planning & Development account

TPL Truck Passing Lane

TPM Transportation Planning Manual

TQM Total Quality Management

TRAMS Transportation Accounting & Management System: developed to meet the Department's reporting needs and to respond effectively to the requirements placed on the Department as a result of the implementation of the California Fiscal Information System.

TRAQ Transportation Air Quality Center

TRARR Traffic on Rural Roads

TRB Transportation Research Board
(formerly Highway Research Board)

TRIP The Road Information Program

TRIS Transportation Research Information System (UCB), see C-TRIS

TRIS Transportation Research Information System; Toxic Release Inventory System

TRMC Transit Management Center

TRMS Transit Management Subsystem

TRRL Transportation Road Research Laboratory

TRS Time Reporting System (history)

TRSP Traffic-Responsive Plan (Generation)

TRT Technical Review Team
Transportation Research Thesaurus

TRVS Transit Vehicle Subsystem (ITS)

TSC Transportation Systems Center

TSCA Toxic Substances Control Act

TSDP Transportation System Development Plan

TSDF Treatment, Storage and Disposal Facilities

TSIP Transportation Systems Information Program

TSM Transportation System Management program (State, discontinued) See TMS

TSN Transportation System Network

TSO Time-share operation

TSP Total Suspended Particulates,
Traffic Synchronization Projects

TSS Total Suspended Solids

TSSS Total Station Survey System

TTHM Total Trihalomethane

TTLC Total Threshold Limit Concentration

TTIA Technology Transfer Improvements Act of 1995

TTN Technology Transfer Network

TTP Technology Transfer Program (UCB)
 TTY Teletype
 TUF date Timely Utilization of Funding?
 TVA Tennessee Valley Authority
 TVOC Total Volatile Organic Compounds
 TWLTL Two Way Left Turn Lane

U

UA Urbanized Area
 UAA Use Attainability Analysis (water qual)
 UAM Urban Air-shed Model
 UAQI Uniform Air Quality Index
 UART Universal Asynchronous Transmitter Receivers (Computer Chip)
 UC Under-crossing
 UCITS University of California Institute of Transportation Studies
 UCP Unified Certification Program (DBE)
 UCS Unconfined Compressive Strength
 UFAS Uniform Federal Accessibility Standards
 UG Underground
 UGB Urban Growth Boundaries
 UHPC Ultra High Performance Concrete
 UIT ultrasonic impact treatment, for welds
 UITP International Union of Public Transport
 ULEV Ultra Low Emission Vehicles
 UMRA Un-funded Mandates Reform Act
 UMTA Urban Mass Transit Agency,Administration
 UNESCO United Nations Educational, Scientific and Cultural Organization
 UNPARs Unprogram Project Approval Requests
 UP Underpass
 URISA Urban and Regional Information Systems Assoc.
 URL Universal Resource Locator; Universal Reader Language
 UROAD Urban Mass Transportation Agency
 USA United States of America; Underground Service Alert
 USC United States Code; Unified Soil Classification
 USC&GS United States Coast and Geodetic Survey
 USCE United States Corps of Engineers (ARMY)
 USCG United States Coast Guard
 USDA U.S. Department of Agriculture
USFS U.S. Forest Service
USFWS United States Fish & Wildlife Service
 USGS United States Geological Survey
 USM Urban Simulation Model
 USPLS United States Public Land Surveys
 USPS US Postal Service
 USR User Service Requirement
 UST Underground Storage Tank
 USTIP Updated State Transportation Improvement Program
 USTR Unites States Trade Representative
 UTC Ultimate Transportation Corridor
 UTCS Urban Traffic Control System
 UTPS Urban Transportation Planning System
 UUA use attainability analysis,
 (EPA, water body recreational use.)
 UV Ultraviolet
 UZA Urbanized Area

V

VA Veterans Administration Value Analysis
 VC Vertical Curve
 V/C Volume /Capacity ratio
 VCM Vertical Control Monumentation
 VDT Video Display Terminal
 VE Value Engineering
 VECP Value Engineering Change Proposal
 VELB Valley Elderberry Longhorn Beetle
 (lives in stems \geq one inch)
 VEP Value Engineering Proposal
 VFC Vehicle Fuel Consumption
 VGA Virtual Graphics Array

VIA Visual Impact Assessment
VHT Vehicle-Hours of Travel
VISTA Video Information System Training Assoc., Inc.
VKT Vehicle Kilometers Traveled
VMM Voice Mail Message
VMS Variable Message Sign
VMT Vehicle Miles Traveled,
common measurement for driving demand
VOC Volatile Organic Compounds;
Volume and Occupancy Control (Constant)
VOS Vehicle Operating Survey
VRC Vehicle/Roadside Communications (ITS)

W

WADS Wide Area Detection Systems
WAG Wild A-- Guess
WAN Wide Area Network
WASHTO Western Association of State Highway & Transportation Officials
WBE Woman-owned Business Enterprise
WBS Work Breakdown Structure
WC Worker's Compensation
WCC Work Category Code
WDT Weight-Distance Tax
WEN Workload Estimating Norm
WES Waterways Experiment Station
WET Wetland Evaluation Technique
WGRA Western Governmental Research Association
WHO World Health Organization / United Nations
WIB Workforce Investment Board
WPA watershed protection approach
WPCM Water Pollution Control Manager
WPCP Water Pollution Control Program
WQBEL water quality-based effluent limit
WQC Water Quality Criteria
WQI Watershed Quality Index
WQS water quality standard
WS White Stripe
WSP Welded Steel Pipe
WSRA Wild and Scenic Rivers Act
WSPRO Water Surface Profile
WSTP Wastewater Sewage Treatment Plant
WT Work Type
WWBE White Women-owned Business Enterprise
WWTP Wastewater Treatment Plant
WWW World-Wide Web
WYSIWYG What you see is what you get
WZS Work Zone Safety
WZTC Work Zone Traffic Control

X

XPM Expert Project Management

Y

YARTS Yosemite Area Regional Transportation System
YATI Yosemite Area Traveler Information
YS Yellow Stripe
Y2K The Year 2000 Computer Problem

Z

ZBB Zero Based Budgeting : process requiring justification of every dollar (and person-year) of an organization's/program's proposed budget for the budget year. The assumed program level for the budget year is zero, thus intensive justification and critical review of all components is required before approval
ZEV Zero Emissions Vehicle
ZRL Zero Risk Level